

CLAIMS

1. An umbrella head designed to be supported on a pole (42), the umbrella head having a shaft portion (44) ribs extending outwardly from the shaft portion to support a cover, a runner (43) slidably mounted on the shaft portion and stretchers extending radially from the said runner to the ribs, and a clamp (10") for releasably attaching the umbrella head to the pole, the umbrella head clamp (10") being disposed at the top of the shaft.
2. An umbrella assembly including an umbrella head according to claim 1 and a pole (42) to which the head clamp (10") is attached in a cantilever fashion.
3. An umbrella assembly according to claim 2, including at least two poles (42) for supporting the umbrella head, one substantially vertical and one cantilevered, the poles being clamped together and the cantilever being clamped to the umbrella head.
4. An umbrella assembly according to claim 2 or 3 and including at least two such umbrella heads.
5. An umbrella assembly according to claim 4 and including at least two standing poles and two cantilever poles, each pole being connected to at least one other pole connected in a matrix for supporting umbrella heads.
6. A clamp (10) for holding two elongate members so that they extend at a preset angle from each other, comprising:
 - two clamp portions (12, 14) each having co-operating engaging surfaces (16a, 16b), each clamp portion having an axial bore (18a, 18b) extending perpendicularly to the engaging surfaces and a

receiving portion (22a, 22b) for holding one of the elongate members; and

5 an elongate stem or rod (19), passing through the bore of the clamp portions and attached at one end to a lever or handle (20) for rotating the stem in the bore, and a cam acting between the stem and at least one of the clamp portions so that the clamp portions can be moved from a position in which the engaging surfaces are not engaged to a position in which the engaging surfaces co-operatively engage by rotating the lever in 10 the bore in one direction by approximately 90°.

7. A clamp according to claim 6, in which the stem (19) has a radial flange (21) at the other end for holding the clamp portions together.
- 15 8. A clamp according to claim 6 or 7, in which the cam includes a track (32a) on one of the clamp portions, and a co-operating protruding element (30) on the stem, the protruding element being arranged to ride on the track in use.
- 20 9. A clamp according to claim 8, and further having a cam mechanism (32b, 28) for separating the clamp portions (12, 14) when the lever is turned in the other direction.
- 25 10. A clamp according to any of claims 6 to 9, in which the clamp is suitable for allowing a full 360° range of preset angles between the elongate members held therein.
- 30 11. A clamp according to any of claims 6 to 10, in which the engaging surfaces have interlocking elements such as teeth (16).
12. A clamp according to any of claims 6 to 11, in which the receiving portions (22a, 22b) are integral tubular parts for receiving poles or shafts, with securing means (24a, 24b) for holding the pole or shaft.

13. An umbrella assembly according to any of claims 2 to 5, connected together by clamps according to any of claims 6 to 12.
- 5 14. An umbrella assembly according to any of claims 2 to 5, in which the umbrella head, or at least one of the heads, is upside-down with the runner uppermost and the clamp below the cover.
- 10 15. An umbrella assembly according to any of claims 2 to 5, in which at least one umbrella head is of the "inverted" type.
16. A kit of parts comprising poles, clamps and umbrella heads, that can be assembled to form an umbrella assembly according to claim 13.